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(54) ORGANOPOLYSILOXANE-BASED FLUID COMPOSITION

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain an organopolysiloxane-based liquid composition useful as a hydraulic oil for a hydraulic system and a liquid for a liquid joint, having excellent durabilities such as viscosity stability, torque stability and gel formation preventing properties for enduring severe use conditions.

SOLUTION: This composition is obtained by adding an effective amount of a carbodiimide group-containing compound of the formula $R_1-N=C=N-R_2$ (R_1 and R_2 are each a substitute group consisting essentially of a 1-32C carbon skeleton) to an organopolysiloxane having 50 mm²/s to 1,000,000 mm²/s viscosity at 25° C or a mixture obtained by adding at least one compound selected from the group consisting of a sulfur-based compound, a phosphorus-based compound and an antioxidant to the organopolysiloxane.

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